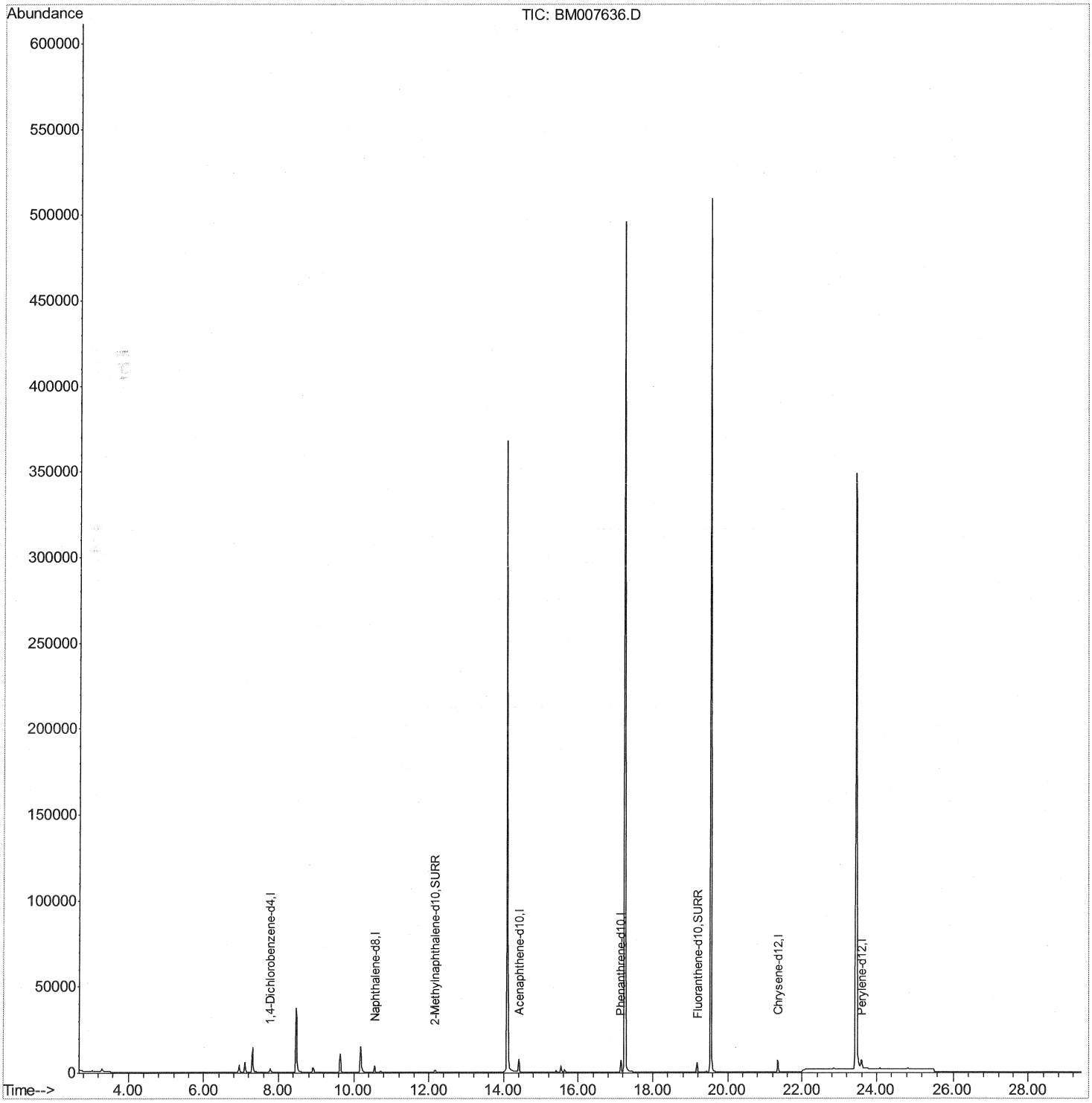
Data Path : Z:\HPCHEM1\BNA_M\Data\BM092916\
Data File : BM007636.D
Acq On : 29 Sep 2016 20:34
Operator : UM/SJ
Sample : H4955-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 30 11:15:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 01:33:49 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4VM0

Manual Integrations APPROVED
sohil
9/30/2016 4:02:13 PM

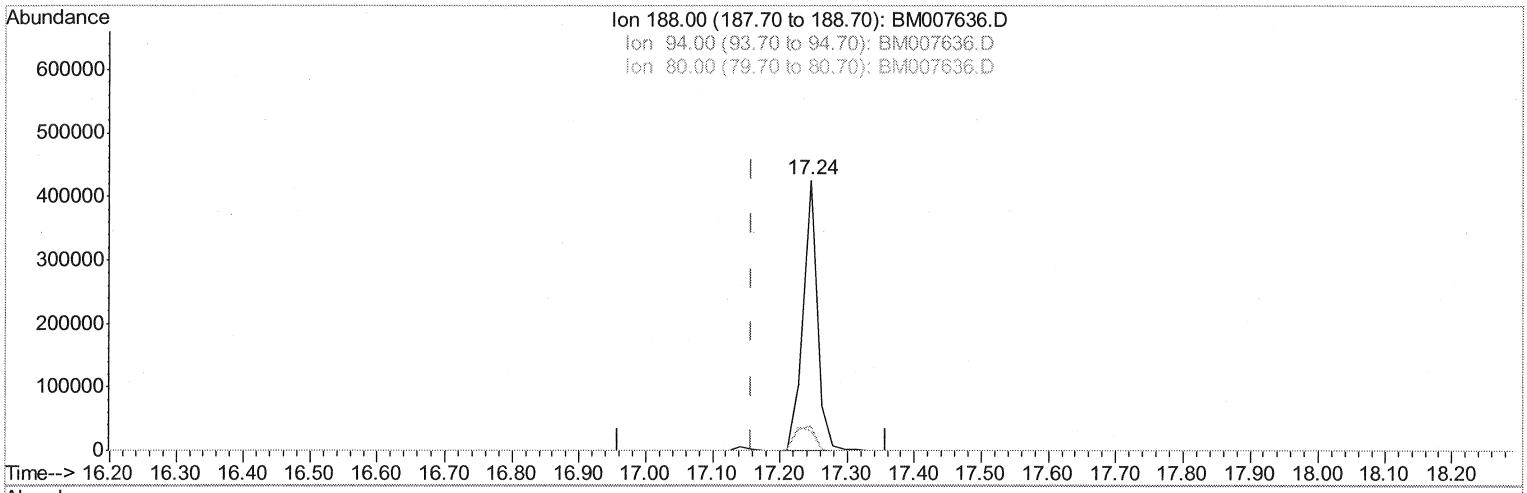


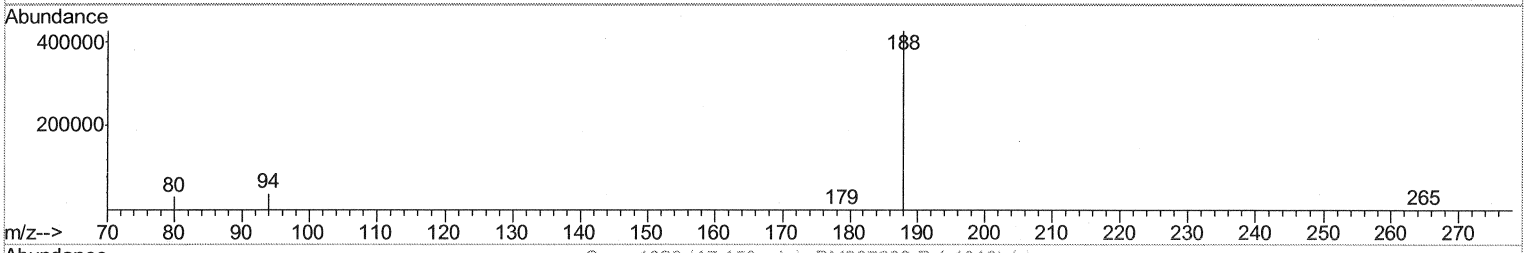
Data Path : Z:\HPCHEM1\BNA_M\Data\BM092916\
Data File : BM007636.D
Acq On : 29 Sep 2016 20:34
Operator : UM/SJ
Sample : H4955-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

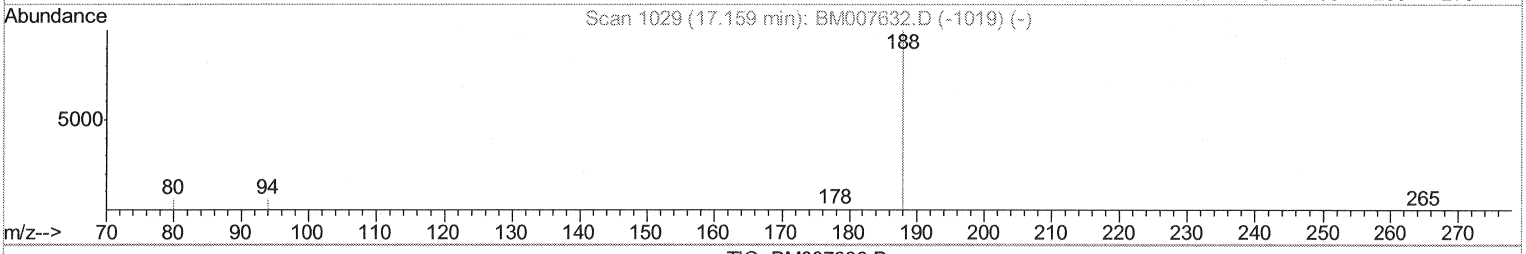
Quant Time: Sep 30 11:14:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 01:33:49 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4VM0

Manual Integrations APPROVED
sohil
9/30/2016 4:02:13 PM







TIC: BM007636.D

(10) Phenanthrene-d10 (I)

17.245min (+0.086) 0.40ng/ul

response 626607

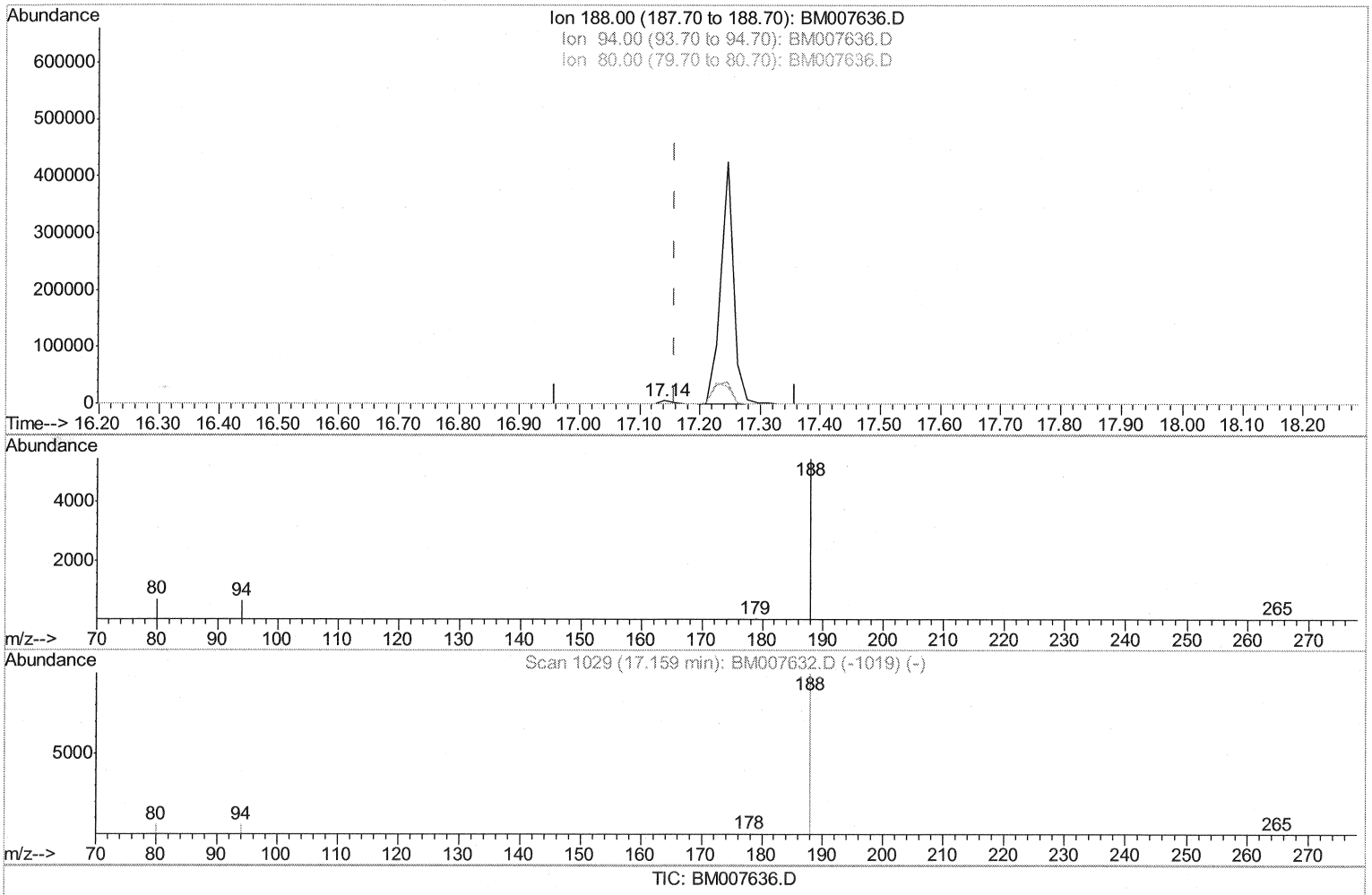
Ion	Exp%	Act%
188.00	100	100
94.00	15.90	8.98#
80.00	18.30	7.41#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092916\
Data File : BM007636.D
Acq On : 29 Sep 2016 20:34
Operator : UM/SJ
Sample : H4955-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 30 11:14:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 01:33:49 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4VM0

Manual Integrations APPROVED
sohil
9/30/2016 4:02:13 PM



TIC: BM007636.D

(10) Phenanthrene-d10 (I)

17.142min (-0.017) 0.40ng/ul m SJ 9/30/16

response 8738

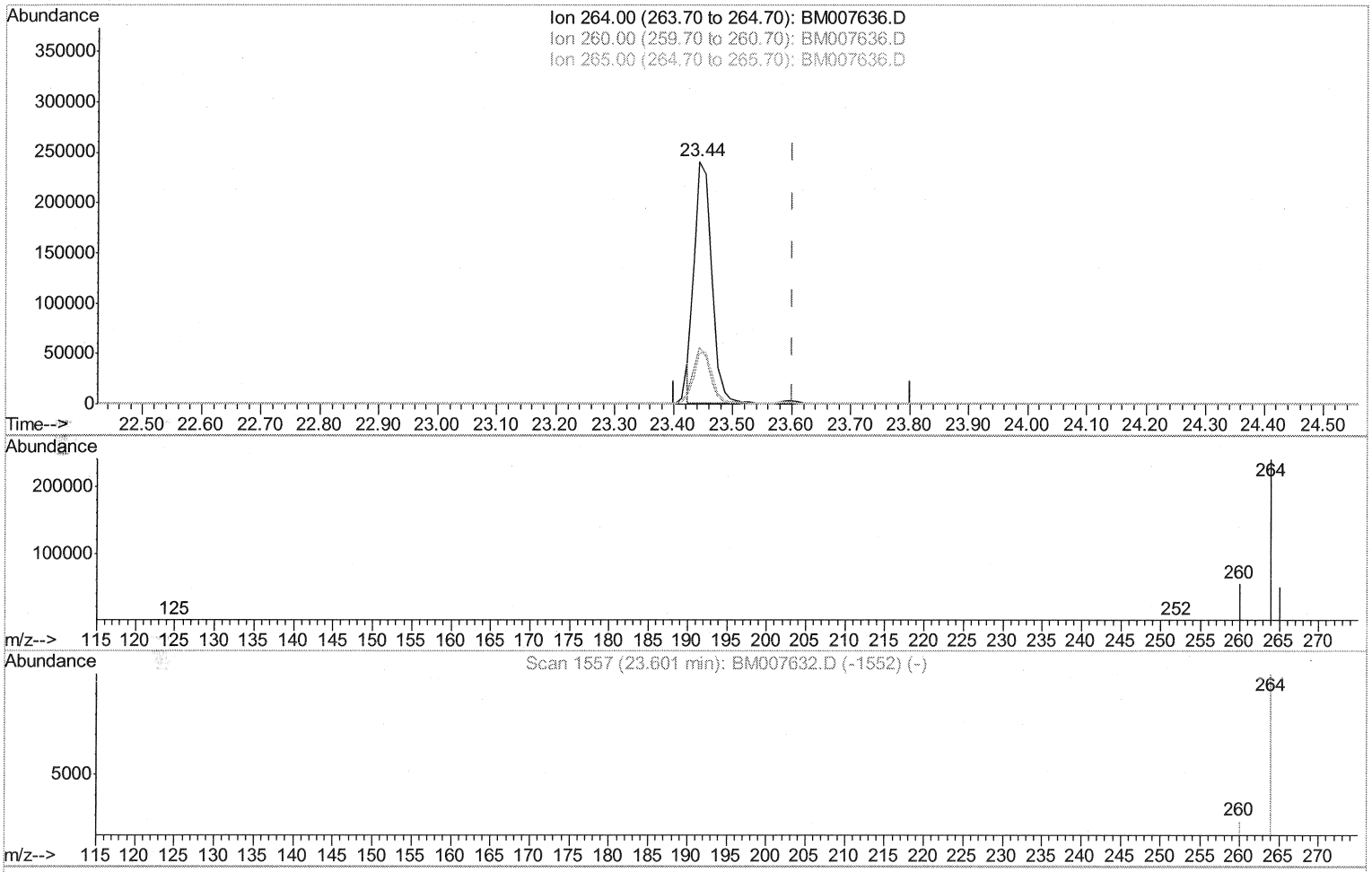
Ion	Exp%	Act%
188.00	100	100
94.00	15.90	12.29#
80.00	18.30	13.28#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092916\
Data File : BM007636.D
Acq On : 29 Sep 2016 20:34
Operator : UM/SJ
Sample : H4955-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 30 11:14:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 01:33:49 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4VM0

Manual Integrations APPROVED
sohil
9/30/2016 4:02:13 PM



TIC: BM007636.D

(20) Perylene-d12 (I)

23.444min (-0.157) 0.40ng/ul

response 486588

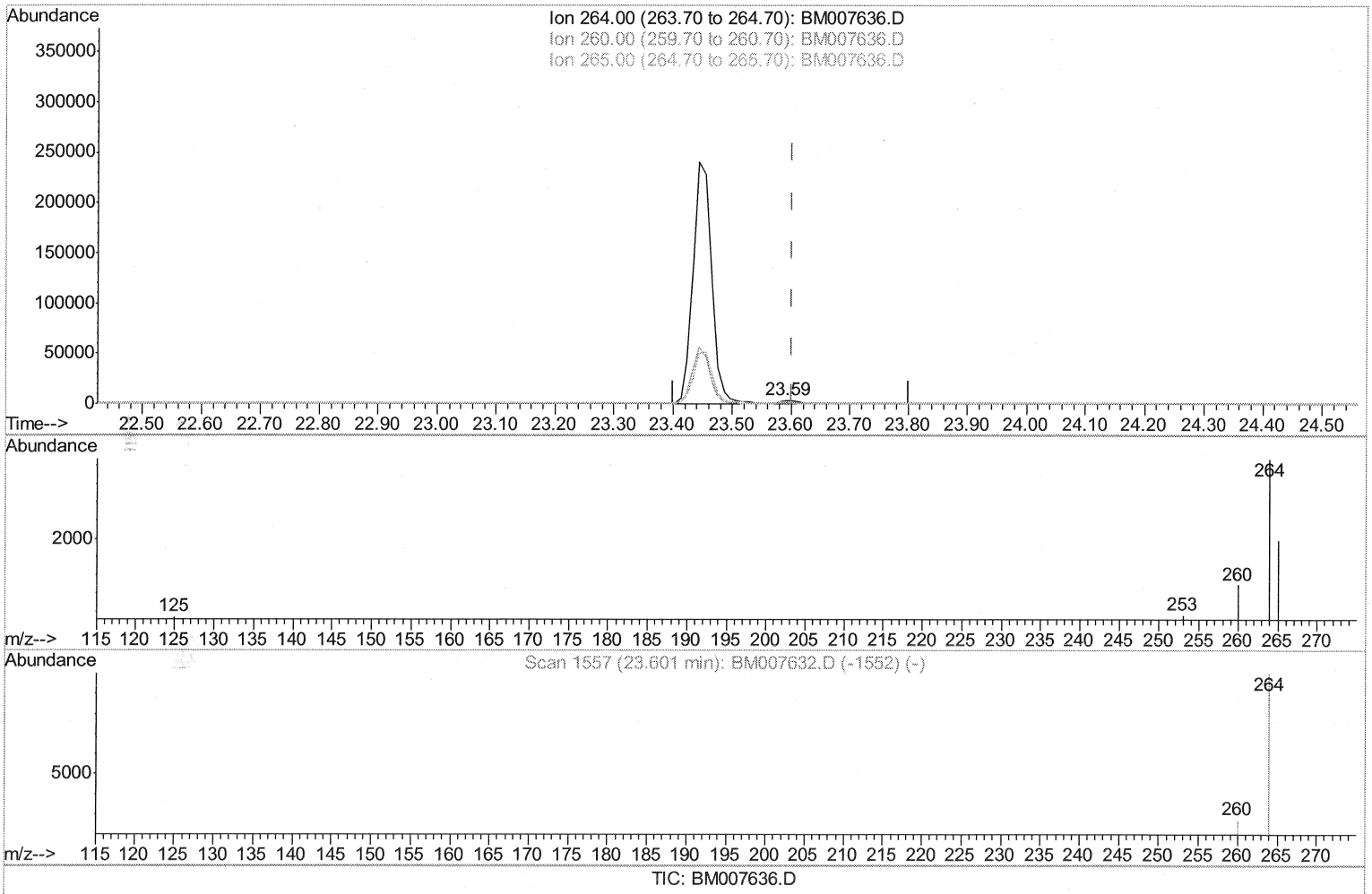
Ion	Exp%	Act%
264.00	100	100
260.00	27.10	23.08
265.00	45.80	20.85#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092916\
Data File : BM007636.D
Acq On : 29 Sep 2016 20:34
Operator : UM/SJ
Sample : H4955-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 30 11:14:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 01:33:49 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4VM0

Manual Integrations APPROVED
sohil
9/30/2016 4:02:13 PM



TIC: BM007636.D

(20) Perylene-d12 (I)

23.590min (-0.011) 0.40ng/ul m SJ 9/30/16

response 8569

Ion	Exp%	Act%
264.00	100	100
260.00	27.10	26.76
265.00	45.80	52.30
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092916\
Data File : BM007636.D
Acq On : 29 Sep 2016 20:34
Operator : UM/SJ
Sample : H4955-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 30 11:15:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 01:33:49 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : A4VM0

Manual Integrations APPROVED
sohil
9/30/2016 4:02:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1380	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.56	136	5637	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.40	164	4145	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	8738m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.34	240	8665	0.40	ng/ul	0.00
20) Perylene-d12	23.59	264	8569m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.16	152	2545	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	7993	0.39	ng/ul	0.00
Target Compounds						Qvalue

SJ 9/30/16

(#) = qualifier out of range (m) = manual integration (+) = signals summed